



CONSTRUCTION EQUIPMENT

A12586 VOLVO A30D 74082 - TRANSMISSION (AUTO)



Sample No: VCP439210
Oil Type: MOBIL AT 102
Job No: A12586



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP439210 | VCP408930 | VCP308458 | VCP253946 |
| Sample Date | 06 May 2024 | 27 Jun 2023 | 08 Jun 2021 | 17 Mar 2020 |
| Machine Hours | 12470 | 11975 | 10780 | 10120 |
| Oil Hours | 500 | 500 | 1000 | 500 |
| Oil Changed | Not Chngd | Not Chngd | Changed | Not Chngd |
| Sample Status | ABNORMAL | ABNORMAL | ABNORMAL | NORMAL |

DYER QUARRY
P.O. BOX 188, 1275 ROCK HOLLOW ROAD
BIRDSBORO, PA
US 19508
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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 27.6 | 27.8 | 28.3 | 28.3 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|--------------|-----|-----|-----|
| Silicon | ppm | 3 | 3 | 1 | 2 |
| Sodium | ppm | 5 | 3 | 4 | 5 |
| Potassium | ppm | <1 | 1 | 0 | 0 |

Diagnosis
No corrective action is recommended at this time. Resample at the next service interval to monitor.Clutch and/or bushing/bearing wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Iron | ppm | 34 | 26 | 20 | 14 |
| Copper | ppm | 320 | 237 | 248 | 147 |
| Lead | ppm | 10 | 8 | 5 | 4 |
| Tin | ppm | 15 | 14 | 11 | 12 |
| Aluminum | ppm | 13 | 11 | 6 | 4 |
| Chromium | ppm | 0 | 0 | 0 | <1 |
| Molybdenum | ppm | 2 | 3 | 2 | 3 |
| Nickel | ppm | 0 | <1 | 0 | <1 |
| Titanium | ppm | 0 | 0 | 0 | <1 |
| Silver | ppm | <1 | 0 | 0 | 0 |
| Manganese | ppm | 0 | <1 | 0 | <1 |
| Vanadium | ppm | <1 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 215 | 218 | 310 | 354 |
| Magnesium | ppm | 12 | 16 | 18 | 22 |
| Zinc | ppm | 72 | 69 | 99 | 119 |
| Phosphorus | ppm | 228 | 242 | 234 | 267 |
| Barium | ppm | 0 | 0 | 0 | <1 |
| Boron | ppm | 76 | 88 | 71 | 78 |

Depot: DYEBIR
Unique No: 11033136
Signed: Sean Felton
Report Date: 20 May 2024



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VOLVO GRAPHS

